

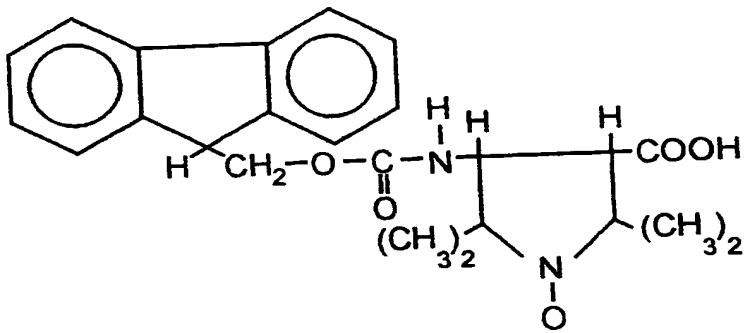
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1/8

**Figure 1**



Structure of Fmoc-Poac.

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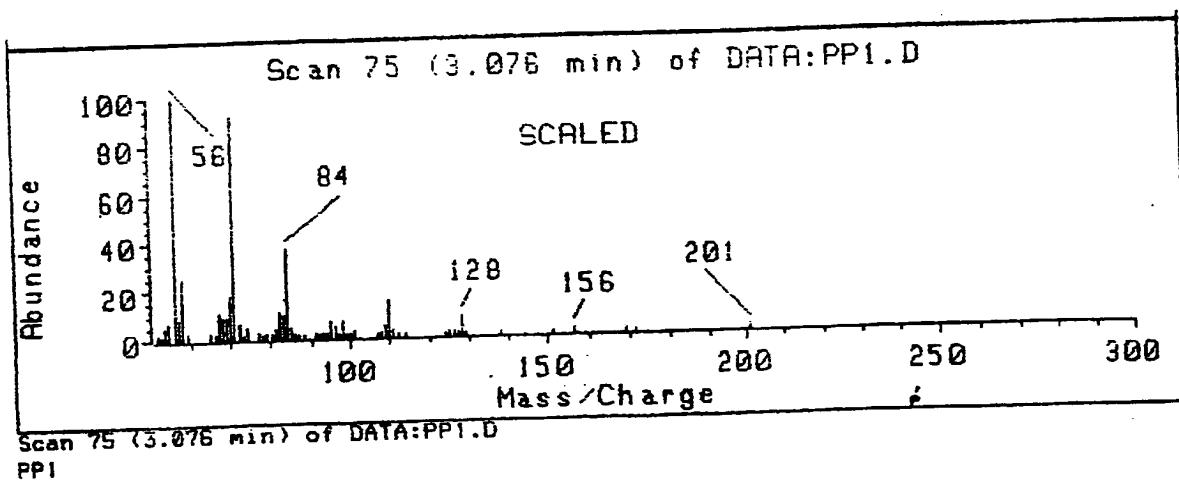
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2/8

## Figure 2



Mass spectrum of POAC.

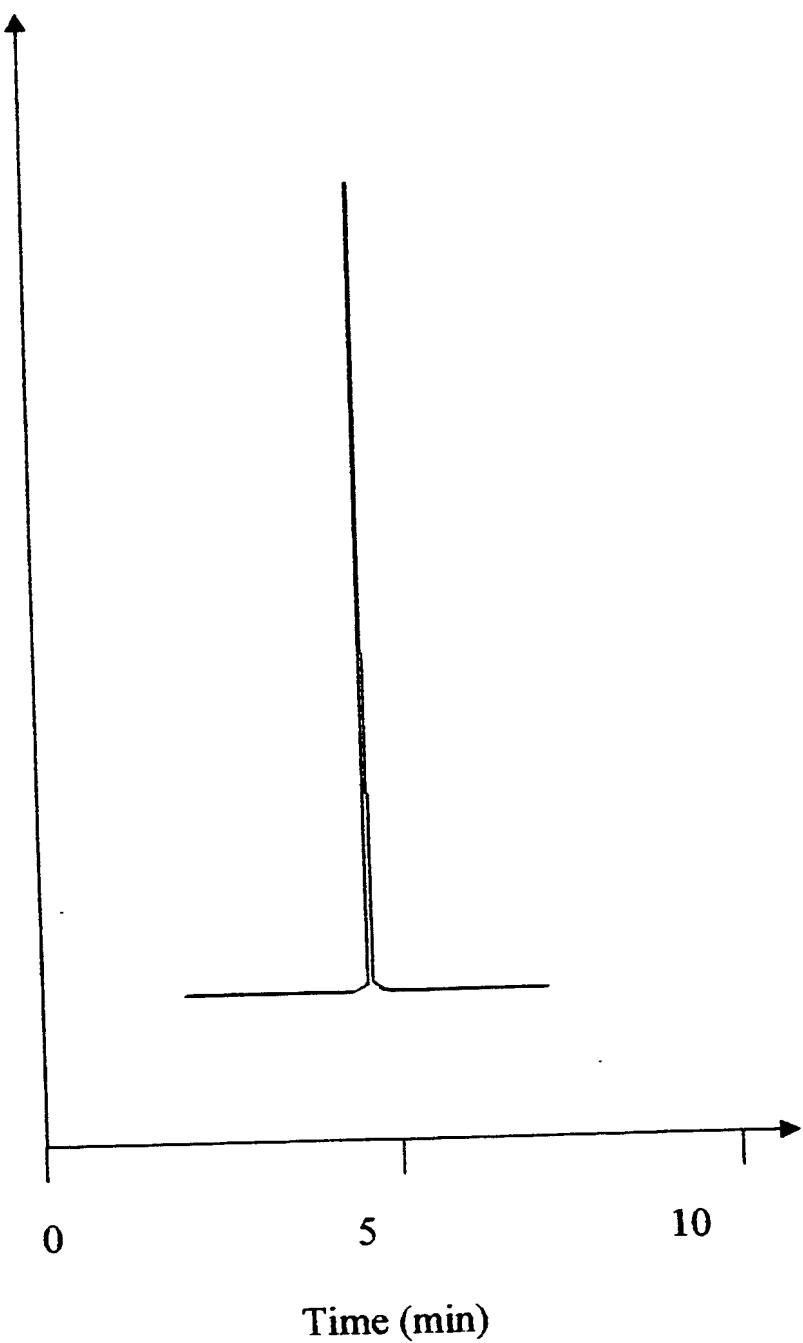
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3/8

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**Figure 3**

HPLC profile of 2,2,5,5-tetramethylpyrrolidine-1-oxil-3-amine-4-carboxylic acid (Poac). Experimental conditions: C<sub>8</sub> (4,6 x 150 mm) column. Eluent A: NaH<sub>2</sub>PO<sub>4</sub> 0,1M/water and, B: acetonitrile 90%/water ; 1-21% of B in 10 min.

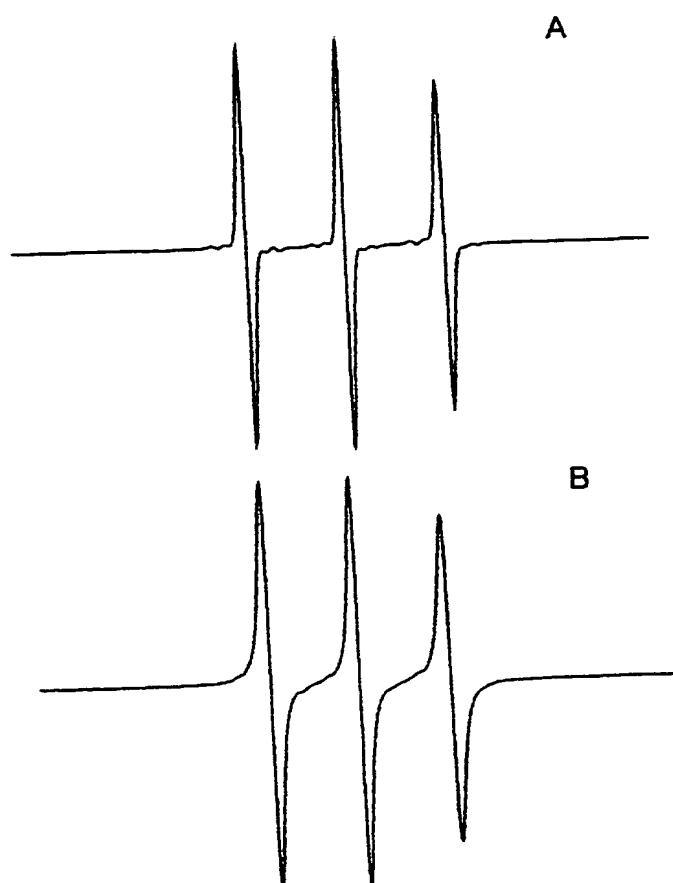
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4/8

## Figure 4



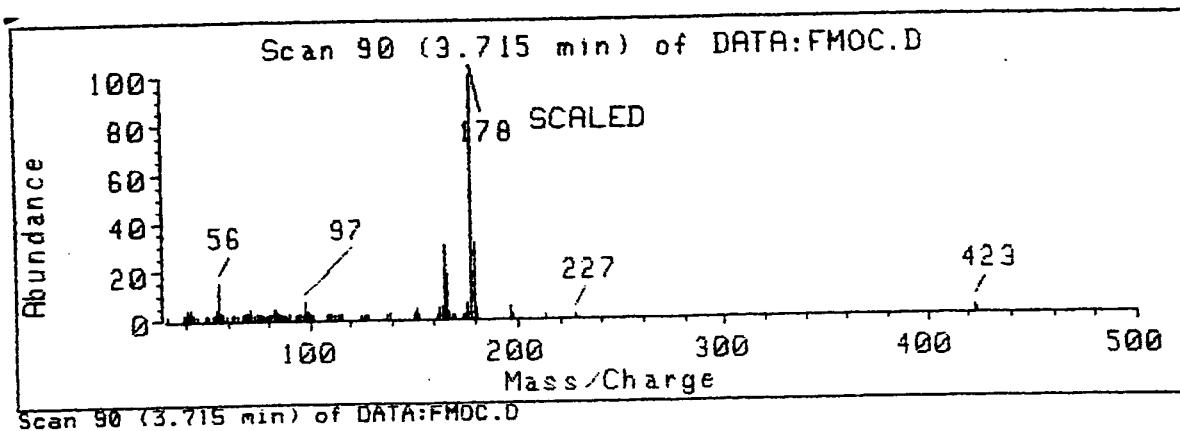
RPE spectra of  $1 \times 10^{-4}$  M (A) Poac in water, pH 5; (B) Fmoc-Poac in dimethylformamide.

10/018842

PCT/BR00/00068

WO 00/78715

5/8



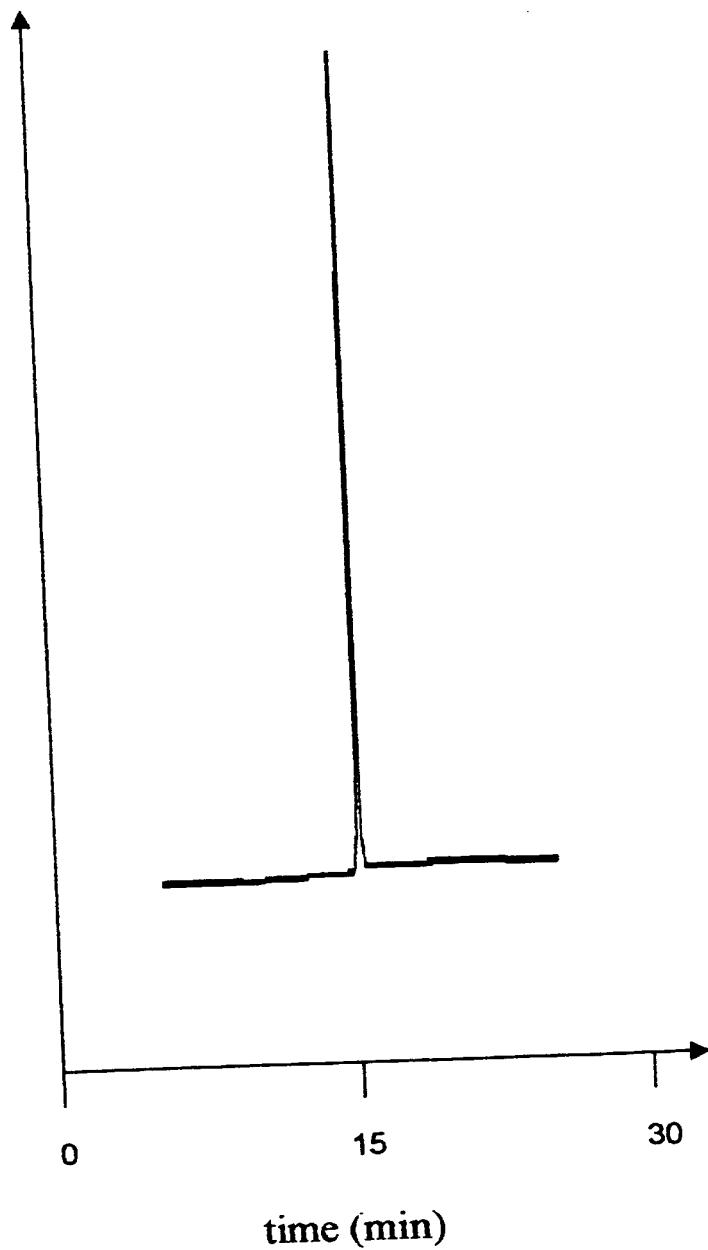
**Figure 5:** Mass spectrum of Fmoc-POAC.

10/018842

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6/8



**Figure 6**

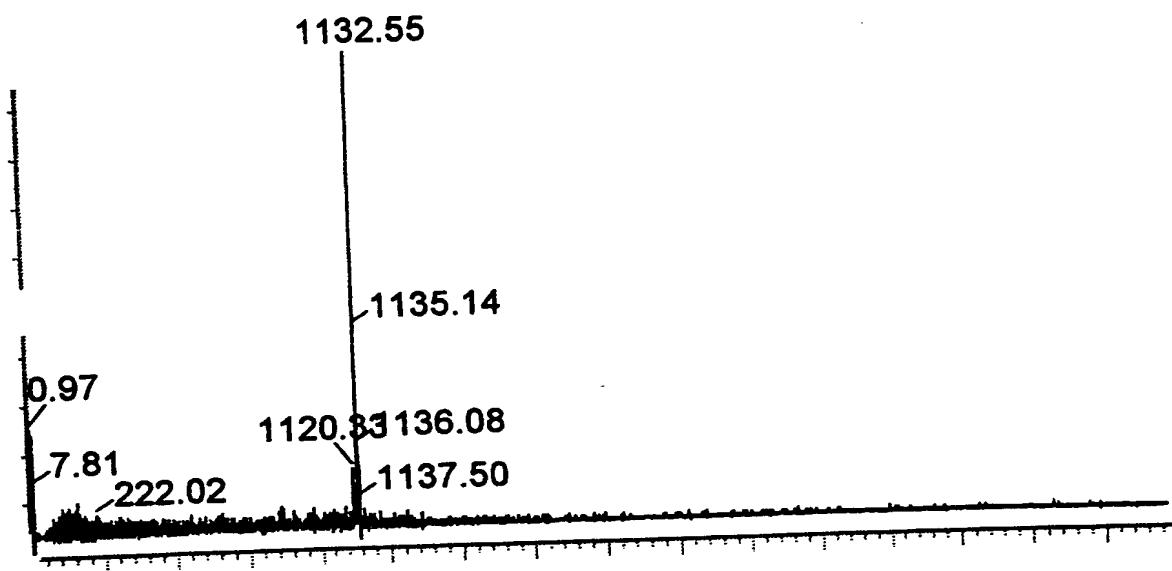
HPLC profile of Poac<sup>7</sup> - AII. Column RF C<sub>18</sub> (4,6 x 150 mm). Eluent A: 0,1% aqueous TFA and eluent B, 0,1% TFA in 60% aqueous acetonitrile. Flow rate, 1.5mL/min. Elution was performed by a linear gradient of 5% to 95% eluent B.

10/018842

PCT/BR00/00068

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7/8



**Figure 7**

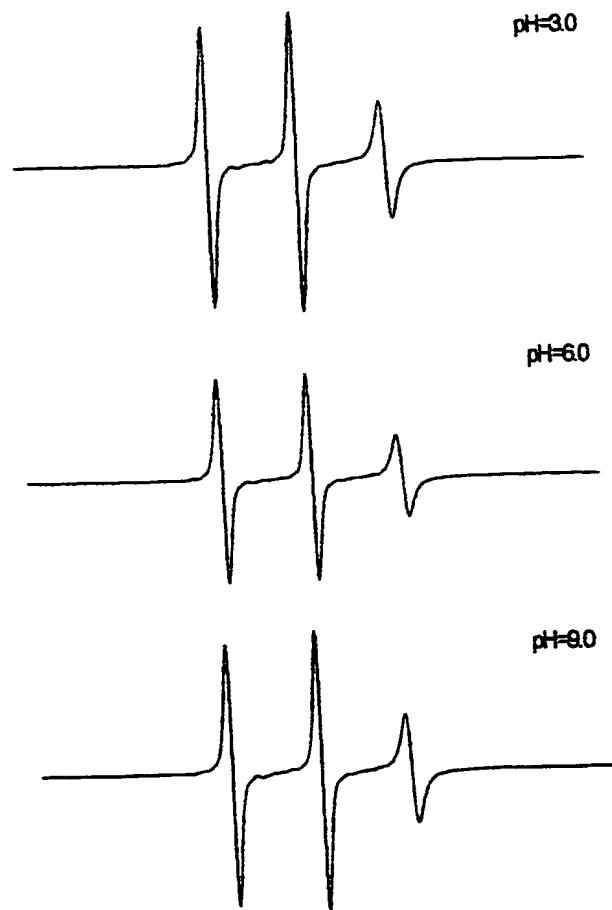
Mass spectrum of Poac<sup>7</sup>-Angiotensin II.

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8/8



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**Figure 8**

RPE spectra of  $2.5 \times 10^{-4}$  M Poac<sup>7</sup>-All in pH 3, 6 and 9.